



GARY R. HERBERT
Governor

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Lieutenant Governor

State of Utah

DEPARTMENT OF NATURAL RESOURCES

MICHAEL R. STYLER
Executive Director

Division of Oil, Gas and Mining

JOHN R. BAZA
Division Director

February 21, 2012

Brent Sumsion
Sunroc Corporation
525 West Arrowhead Trail
P.O. Box 488
Spanish Fork, Utah 84639

Subject: First Review of Amended Notice of Intention to Commence Large Mining Operations, Sunroc Corporation, Levan Henry, M023023, Juab County, Utah

Dear Mr. Sumsion:

The Division of Oil, Gas and Mining has completed a review of the referenced Notice of Intention to Commence Large Mining Operations which was received November 21, 2011. The attached comments will need to be addressed before the Division can approve the amendment.

The comments are listed under the applicable Minerals Rule heading; please format your response in a similar fashion. Please address only those items requested in the attached technical review by sending replacement pages of the original mining notice using redline and strikeout text. After the notice is determined technically complete, the Division will ask that you submit two clean copies of the complete and corrected plan, and upon final approval one copy, stamped "approved," will be returned for your records.

Please submit your response to this review by April 15, 2012.

The Division will suspend further review of the Notice of Intention until your response to this letter is received. If you have any questions in this regard please contact me at 801-538-5261 or Wayne Western, at 801-538-5263. Thank you for your cooperation in completing this permitting action.

Sincerely,

Paul B. Baker
Minerals Program Manager

PBB: whw: eb

Attachment: Review

cc: twlloyd@fs.fed.us

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**FIRST REVIEW OF NOTICE OF INTENTION
TO COMMENCE LARGE MINING OPERATIONS**

Sunroc Corporation

Levan Henry Quarry

M/023/0023

February 21, 2012

R647-4-104 - Operator's, Surface and Mineral Ownership

Comm ent #	Sheet/Page/ Map/Table #	Comments	Initials	Review Action
1	8	Under Surface and Mineral Ownership the only information given is for the US Forest Service, but Dale Wright is shown in the existing plan as a surface owner. The ownership maps indicate that Dale Wright owns some property within the permit boundary. Also in the existing plan HE Davis Construction is listed as a mineral owner.	whw	
2		On Figure 3 there is a small part of the mine that extends east of New Henry 3 claim boundary. Please clarify if Sunroc has right to mine east of the claim boundary.	whw	
3		The Division requests that maps include a bar scale.	whw	
4	Page 12	The Notice says some underground mine had occurred. Please show location of underground mines if known. If unknown please state location unknown.	whw	
5	Page 26	The Notice says the main access road into the quarry will be reclaimed after mining is complete. All roads that will be reclaimed need to be included in the permit boundary.	whw	

R647-4-105 - Maps, Drawings & Photographs

General Map Comments

Comm ent #	Sheet/Page/ Map/Table #	Comments	Initials	Review Action
6	Base Map	Please include a USGS topographic map showing the location of the mine and if possible the permit boundaries. The Division needs the UTM and other information on the topographic maps. Also please show the route to the mine on the map.	whw	
7	Page 26	Please show on all relevant maps that the main access road into the quarry is part of the permit. A separate map or maps may be needed to show the access road.	whw	
8	Page 21	Please provide a figure that shows the surface water drainage and placement of sediment controls at the site. Figure 6-b is referenced but not found in the plan.	TM	
9		Please provide a figure and cross section of the sediment pond that shows its size. Show equipment access for sediment clean out. Also include the size of the spillway related to design peak flows showing a cross section and erosion protection.	TM	

105.3 - Drawings or Cross Sections (slopes, roads, pads, etc.)

Comm ent #	Sheet/Page/ Map/Table #	Comments	Initials	Review Action
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First Review
Page 3 of 3
M/023/0023
February 15, 2012

Comment #	Sheet/Page/Map/Table #	Comments	Initials	Review Action
10		The Division requests that the vertical and horizontal scales be the same on the cross sections.	whw	
11		There are several slopes that are steeper than 2H: 1V. Please provide cross sections at approximately every 300 feet in such a way as to show maximum slope angle.	whw	
12	Page 26	Please provide cross sections for roads that will be reclaimed.	whw	
13		Please provide cross sections for slopes that will be left steeper than 2H: 1V.	whw	
14	Highwall-Bench Detail	At the bottom of the diagram please show either the horizontal distance from the quarry floor to the outside of the bench or a horizontal and vertical scale so that the slope angle can be determined.	whw	

R647-4-109 - Impact Assessment

109.1 - Impacts to surface & groundwater systems

Comment #	Sheet/Page/Map/Table #	Comments	Initials	Review Action
15		In the plan or in the SWMP provide the sizing calculation for the sediment pond based on drainage area calculations. On page 25, the plan mentions that the pond will contain one acre-foot of water. How does this relate to any design calculations of storm water runoff?	TM	

R647-4-110 - Reclamation Plan

110.3 - Description of facilities to be left (post mining use)

Comment #	Sheet/Page/Map/Table #	Comments	Initials	Review Action
16	Page 25	Although there is a discussion of erosion protection during reclamation on page 25, please discuss the final disposition of the sediment pond.		

R647-4-113 – Surety

Comment #	Sheet/Page/Map/Table #	Comments	Initials	Review Action
17		Please provide backup material for equipment productivity and volume calculations.	whw	